Grand Cinema

SUPERLUMIS
Technical Specifications

The Grand Cinema™ SUPERLUMIS projector achieves extraordinary picture quality through the partnership of the 0,95" 1080p DC4 DLP® chipset, the improved version of SIM2's ALPHAPATH™ light engine, and 3D Triple Flash technology (144 Hz) for a smoother, natural, and fatigue-free 3D viewing experience. No other projector technology can match the superb color depth, excellent contrast ratio (up to 30.000:1 with Dynamic Black™ and EC lens type in 2D mode). With a choice of two lens types, High Brightness (HB) or Extended Contrast (EC), the SUPERLUMIS system can be fine-tuned to maximize image quality based on the room's lighting scenario. The HB Lens yields up to 5,000 ANSI Lumens, and the EC Lens delivers up to 3,800 ANSI Lumens. For a large-screen system and/or one with ambient light, HB is the ideal choice. For smaller screens and light-controlled rooms, EC extends the available contrast and usable black level. SUPERLUMIS comes with SIM2 Perfect Fit feature, which enables the projector to display 2.35/2.40:1 video material by resizing the image to fill the screen without the need for an additional anamorphic lens.

TYPICAL APPLICATION

Best projector technology for a true "Hollywood" picture-quality experience at home. Designed for use with large screen sizes (up to 5m – 16.5 ft wide).

DISPLAY

Technology: 3 x 0.95" DC4 DMDs
Resolution: Full-HD - 1920 x 1080 pixels
Light source: 350W UHP lamp (dimmable to 280 W)
3D features and **TripleFlash** technology (**144Hz**)
SIM2's PureAction 2D/3D & PureMovie 2D technology
SIM2 **Perfect Fit** Feature
SIM2 **DynamicBlack™** Technology enhanced solution
Contrast ratio (Full ON/OFF): up to >30,000:1 with DynamicBlack™ technology and EC lens type (2D mode)
Brightness [1] (in 2D mode): up to 5,000 Ansi Lumen with HB lens type; up to 3,800 Ansi Lumen with EC lens type

INSTALLATION

Lens type: High Brightness (HB) or Extended Contrast (EC)
Lens throw ratio: 1.37-1.66:1 (type T1); 1.82-2.48:1 (type T2); 2.6-3.9:1 (type T3)
Optical shift: Vertical up to +50%, down -10% max from screen center (based on image height)
Digital Keystone: Vertical +/-18 degree
Picture size (inches diagonal): 50-300
Aspect ratio: 4:3, 16:9, Anamorphic, Letterbox, Panoramic, pixel-to-pixel, subtitle + 3 custom-user adj.

ELECTRONICS AND CONNECTIVITY

Horiz. & Vertical scan freq.: 15-80 kHz/48-144 Hz
Color System: PAL (B,G,H,I,M,N,60); SECAM; NTSC 3.58; NTSC 4.43; **PC graphic standards:** VGA, SVGA, XGA,SXGA, UXGA, WUXGA; **SDTV:** 480i/p, 576i/p; **HDTV:** 720p 50/60, 1080i 50/60, 1080p 24/50/60 + 576p

INPUTS/OUTPUTS

2x HDMI (v.1.4 with Deep Color)
1x Composite Video (RCA)
1x Graphic RGBHV (D-sub HD15 pins)
1x Component - YCbCr/RGBs (RCA)
1x RS-232 (D-sub 9 pins)
1x USB (B type)
1x 3D Sync Out
3x 12V 100mA output

[1] ANSI Lumen specification: This is the typical projector brightness specification found in most sales literature. This measurement allows for direct comparison with other manufacturer's projectors. Measurements are taken in a totally dark test room with brand new lamp at full power, lamp's native white color temperature, internal test pattern (full white) and in compliance with ANSI IT7.228-1997 specification.

GENERAL SPECIFICATIONS

Software control: upgradable via RS-232 serial interface or USB
Power supply: 100-240 VAC +/-10% (48/62 Hz)
Power consumption: max. 510W
Projector weight: 11 kg. / 24.3 lbs
Projector dimensions (WxHxD): 459 x 210 x 455 mm (18.1" x 8.3" x 17.9")
Projector shipping weight: 19 Kg. / 41.9 lbs.
Projector packaging dimensions (WxHxD): 710 x 490 x 610 (28" x 19.3" x 24")

STANDARD ACCESSORIES

Installation and user manual, AC power cords (2m-6.6 ft); backlit remote control and batteries
Live Colors Calibration software 2.0
SIM2 VISUS Active Glasses (4 pcs.) and emitter

CABINET COLOR

Standard: High gloss dark gray finish (DG)

ORDERING CODE [2]
SUPERLUMIS HB T1 DG
SUPERLUMIS HB T2 DG
SUPERLUMIS HB T3 DG
SUPERLUMIS EC T1 DG
SUPERLUMIS EC T2 DG
SUPERLUMIS EC T3 DG

[2] Ordering code = pj model name + lens type + throw ratio + cabinet color

SIM2 Multimedia

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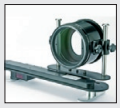
Due to constant product development, specifications are subject to change without notice.
Leaflet LUMIS 3D - SOLO - USA - August 2013

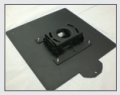
OPTIONAL ACCESSORIES

SIM2 VISUS Luxury Box set
8 additional Active glasses
Ordering code: SIM2 VISUS 8 Luxury

FLEX Anamorphic system(*)
Ordering code:
Motorized LUMIS FLEX System



High Quality SCOPE Anamorphic system(*)
Ordering code:
Motorized LUMIS SCOPE System



LUMIS Ceiling bracket
Orderign code: HT-1080LX

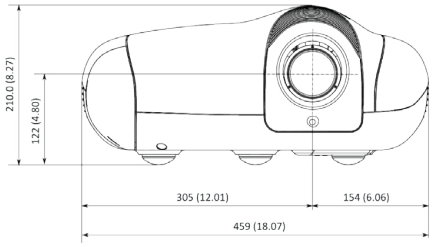
(*) SCOPE and FLEX systems include an integrated ceiling bracket for projector, lens and motorized sled.
Please verify throw ratio and projector distance when ordering.

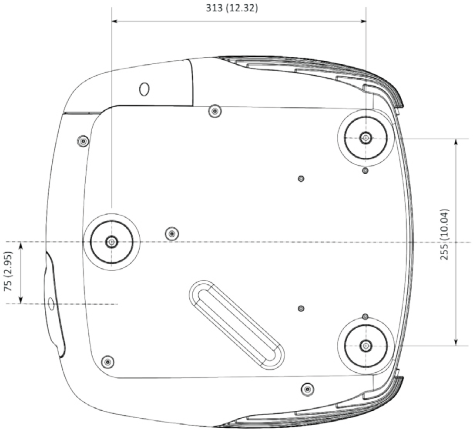
CHOICE OF DIFFERENT LENS OPTIONS FOR FLEXIBILITY IN INSTALLATIONS

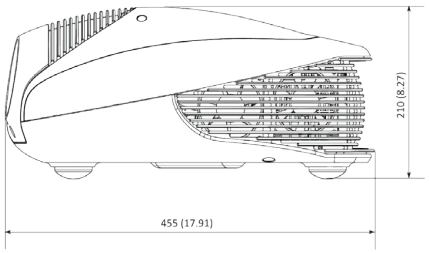
Diagonal screen size	LENS T1 (1.37-1.66:1)		LENS T2 (1.82-2.48:1)		LENS T3 (2.6-3.9:1)	
(16:9 aspect ratio)	min.	max.	min.	max.	min.	max.
100″	3.1 m / 10′ 2″	3.6 m / 11′ 10″	4.1 m / 13′ 6″	5.4 m /17′ 8″	5.8 m / 19′	8.6 m / 28′ 3″
120″	3.7 m / 12′ 1″	4.4 m / 14′ 5″	4.9 m / 16′ 1″	6.5 m / 21′ 4″	7.0 m / 23′	10.3 m / 33′ 9″
150″	4.6 m / 15′ 1″	5.5 m / 18′	6.1 m / 20′	8.2 m / 26′ 11″	8.7 m / 28′ 7″	12.9 m / 42′ 4″
180″	5.5 m / 18′	6.5 m / 21′ 4″	7.3 m / 23′ 11″	9.8 m / 32′ 2″	10.4 m / 34′ 1″	15.5 m / 50′ 10″
200″	6.1 m / 20′	7.3 m / 23′ 11″	8.1 m / 26′ 7″	10.9 m / 35′ 9″	11.6 m / 38′ 1″	17.2 m / 56′ 5″
220″	6.7 m / 22′ 11″	8.0 m / 26′ 3″	8.9 m / 29′ 2″	12.0 m / 39′ 4″	12.7 m / 41′ 8″	18.9 m / 62′
250″	7.6 m / 24′ 11″	9.1 m / 29′ 10″	10.1 m / 33′ 2″	13.7 m / 44′ 11″	14.4 m / 47′ 3″	21.5 m / 70′ 6″
280″	8.5 m / 27′ 10″	10.2 m / 33′ 5″	11.3 m / 37′ 1″	15.3 m / 50′ 2″	16.2 m / 53′ 2″	24.1 m / 79′ 1″
300″	9.1 m / 29′ 10″″	11.0 m / 36′ 1″	12.1 m / 39′ 8″	16.4 m / 53′ 9″	17.3 m / 56′ 9″	25.9 m / 84′ 11″

Throw distance: It is recommended not to use the minimum or maximum projector throw ratios for your installation. Accurate positioning of the projector is better achieved by avoiding these two extremes. // Due to constant product development, the calculated projection distance and value may have a margin of error. Please check with your SIM2 representative prior to placing the order..

PROJECTOR'S DIMENSIONS - MEASURES = MM (INCHES)







USA:
SIM2 USA Inc.
Miramar, FL 33025
Tel. +1.954.442.2999
sales@sim2usa.com
www.sim2usa.com

HEADQUARTERS:
SIM2 MULTIMEDIA S.p.A.
33170 Pordenone - Italy
Tel. +39.0434.383259
info@sim2.it
www.sim2.com

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